

# West Los Angeles Multi-Modal Transfer Transit Site Study



June 8, 2006

**AZTEC Engineering**  
STV, Inc.  
Gruen Associates  
The Robert Group



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## Project Understanding

- 12-month Study
- Alternative Site Survey
- Multi-Modal Transfer Facility
- Broad-based analysis and consensus-building effort
- Technology Neutral


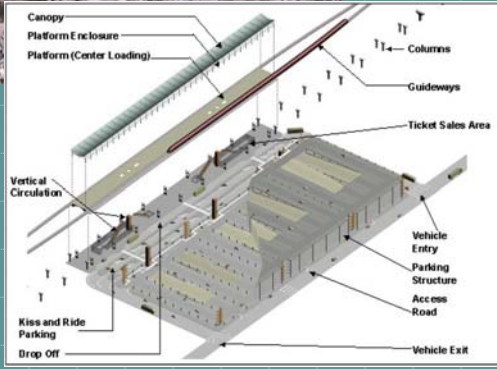


Robertson Boulevard –  
Looking South at I-10




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## Project Environment

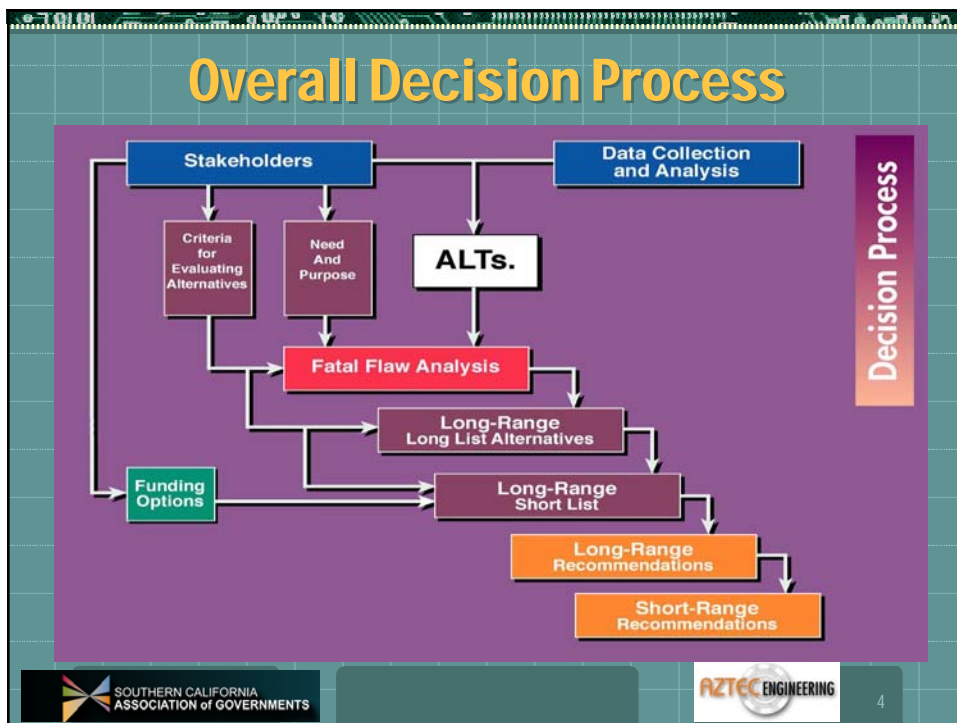
- Freeways & Streets are congested
- Dense land use
- Vision for this area includes intense urban redevelopment
- Various Existing & Planned Transit Routes & Systems
- Diverse Political Interests & Decision Making



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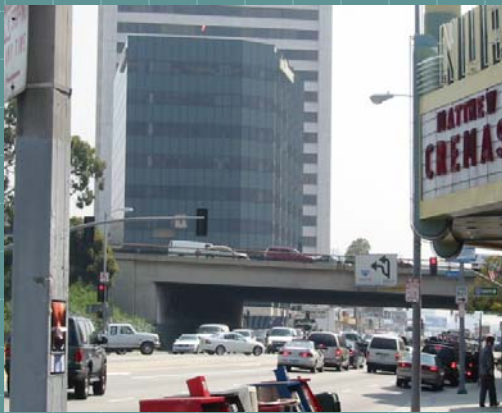


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- ❑ Project Management
- ❑ Interaction with Stakeholders
- ❑ Study Plan
- ❑ Information Database
- ❑ Develop Evaluation Criteria
- ❑ Support Outreach Program
- ❑ Overall Development of Alternatives
- ❑ Evaluate Alternatives
- ❑ Summarize and Make
- ❑ Recommendations
- ❑ Final Report

## AZTEC



I-405 Interchange in West  
LA



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## Gruen Associates

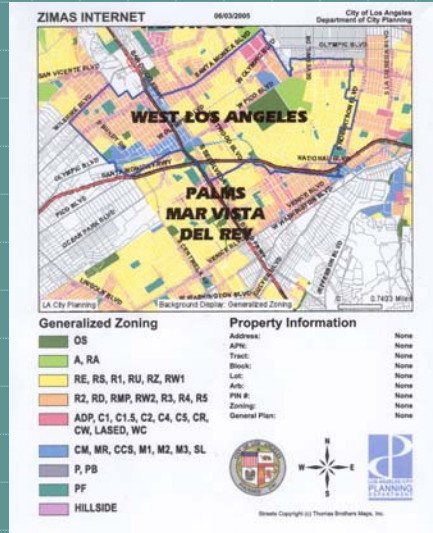
- ❑ Obtain Land Use and Joint Development Policies
- ❑ Site Requirements
- ❑ Locational Options and Site Layouts for Alternative Sites
- ❑ Support Evaluation of Alternatives
- ❑ Summarize and Make Recommendations



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## STV, Inc.

- Obtain Transportation and Economic Data
- Existing Transportation Infrastructure and ROW Issues
- Traffic Impacts and Access
- Economic Impacts
- Support Development of Alternatives
- Support Evaluation of Alternatives
- Summarize and Make Recommendations



## The Robert Group\*

- Support Interaction with Stakeholders
- Community Impacts
- Review Alternatives
- Outreach Program
- Review Summary and Recommendations



\* DBE & WBE

## Task 1 - Facility Site Study Plan and Initial Stakeholder Interaction

Establish Project Development Team

Identify list of other stakeholders

Interact with stakeholders

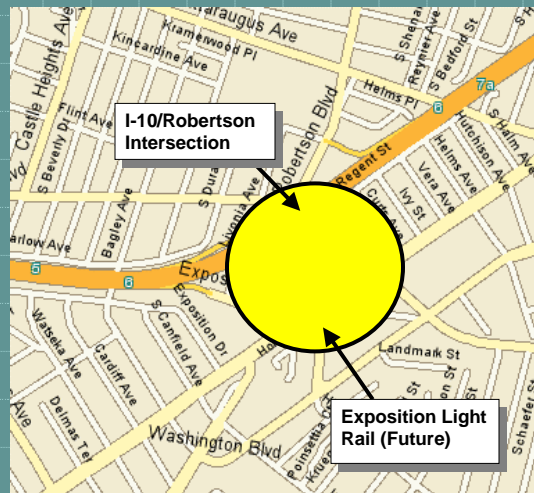
Confirm policies and evaluation criteria

**Facility Site Study Plan**



## Vision, Goals, and System Criteria

- Need & Purpose
- Criteria (MOEs)
- Specifically for This Project
- Integrate Land Development & Transportation
- Consensus



## Key Stakeholders

### ♦ Elected Offices

- ♦ Congressman Henry Waxman
- ♦ Congresswoman Diane Watson
- ♦ Supervisor Zev Yaroslavsky
- ♦ Supervisor Yvonne Burke
- ♦ State Senator Kevin Murray
- ♦ State Senator Sheila Kuehl
- ♦ Assemblymember Fran Pavlev
- ♦ Assemblymember Karen Bass

### ♦ Interagency Coordination

- ♦ MTA Sectors
- ♦ City of Culver City
- ♦ City of Santa Monica
- ♦ Westside Cities
- ♦ South Bay Council of Governments
- ♦ Chief Legislative Analyst's ofc (CD10)

### ♦ Neighborhood Councils

- ♦ Bel Air Beverly Hillcrest
- ♦ Brentwood Neighborhood Council
- ♦ Del Rey Neighborhood Council
- ♦ Grass Roots Neighborhood Council
- ♦ Mar Vista Neighborhood Council
- ♦ Neighborhood Council of Westchester-Playa Del Rey
- ♦ Palms Neighborhood Council
- ♦ South Robertson Neighborhood Council
- ♦ West Los Angeles Neighborhood Council
- ♦ Westside Neighborhood Council
- ♦ Westwood Neighborhood Council
- ♦ Westside Urban Forum

### ♦ Institutions

- ♦ UCLA
- ♦ Veterans' Administration
- ♦ General Services Administration



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## Possible Evaluation Criteria

- |   |                                       |
|---|---------------------------------------|
| ■ Meets Demand  | ■ TOD & Other Development             |
| ■ Expandability                                       | ■ Phasing Impacts                     |
| ■ Safety & Security (facility and connecting systems) | ■ Funding and Fiscal Impacts          |
| ■ AQ and Environ. Benefits                            | ■ Site Impacts                        |
| ■ Transit Operations                                  | ■ Urban Context & Urban Design        |
| ■ Pedestrian Access                                   | ■ Historical Issues                   |
| ■ Bicycle Access                                      | ■ Incremental Traffic and Circulation |
| ■ Auto Access   |                                       |
| ■ Intermodal Connectivity                             |                                       |



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## Task 2 - Information Database

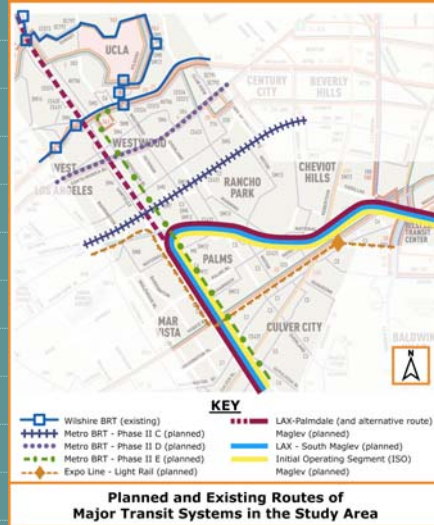
Obtain documents and data  
Review land use and transit policies

Confirm public transit services  
Confirm socio-economic, travel demand and economic data  
List major land use development projects

List major transportation projects

Follow up with data sources

**Informational Database**



Analyze existing infrastructure  
Determine site requirements and options  
Develop site alternatives  
Identify traffic impacts and parking loads  
Identify community impacts  
Identify ROW impacts  
Determine transit connections, and ped./bicycle access  
Estimate facility footprint

**Schematic layouts and site alternatives**  
**Existing Condition Base Plan for Analysis and Needs Requirements, and Alternatives**

## Task 3 - Existing Condition Base Plan for Analysis and Needs Requirements, and Alternatives Development

## Picking Possible Sites

- **TALK to STAKEHOLDERS 1<sup>st</sup>!**
- Available land
- Transit connections
- Facility site and likely access points Travel demand
- Parking required
- Joint development at or near the Facility
- Total sizes of the Facilities at each location
- Under-utilized land, Public land, Redevelopment areas
- Access demands and access points (from all modes) for each Facility option at each location
- Site issues, access challenges, or impacts that constrain or limit the size of the Facility and joint development at each location
- Can these constraints be overcome or mitigated? If so, how and at what cost?

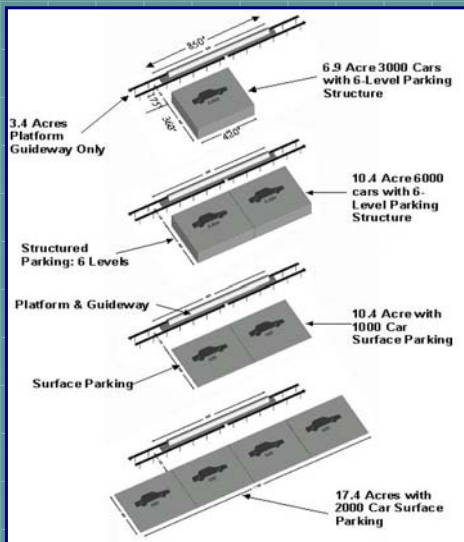
## Prototypical Program and Diagrams

### ✖ Site size for Basic Components

- Platforms and guideway
- Bus bays
- Vehicular / pedestrian circulation
- Kiss and ride
- Passenger / transit support areas

### ✖ Site sizes for Flexible Components (depending on individual available site and surrounding area)

- Park and ride
- Joint development



## Alternative Site Concepts and Cross-Sections

### CASE STUDY: Sierra Madre Villa Station



Constructed Gold Line Station



Before



After



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## Task 4 - Integrated Work Scope and Conceptual Design Based on Consensus Among Community and Stakeholders

Public and community outreach with stakeholders

Solicit input from affected groups

Interact with stakeholders and suggest ways to mitigate impacts

Refine locational alternatives and site options

Public and community outreach program and results

Refined facility and location alternatives based on technical and community output



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## Public Outreach Program

- Stakeholder ID
- **Stakeholder Briefing & Interviews**
- Civic & Business Presentations
- Community Workshops
- Web Site
- Collateral Material
- Meeting Notices and Minutes



## Task 5 - Develop New Master Plan with Location Effectiveness and Alternatives

Forecast traffic

Refine transit, auto, bicycle and pedestrian accessibility for each site

Refine markets serviced by each site and facility content option

Refined Master Plan work

Travel Forecast Demands

Refined Master Plan



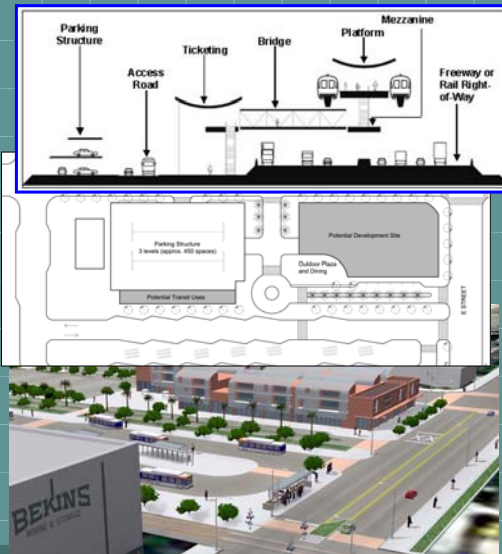
## Transfer Facility Options

- Transit Transfer
- Support Activities
- Joint Development

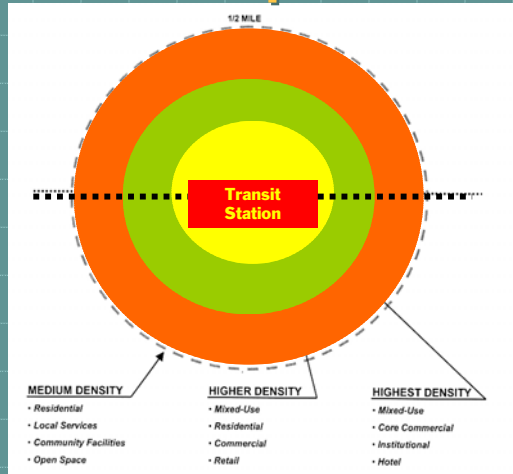
Content of Facility	Site 1	Site 2	Site 3
Maglev/HSR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Light Rail	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Bus	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Limited Parking	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Parking	<input checked="" type="checkbox"/>		
Food Court	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Passenger Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Office Space	<input checked="" type="checkbox"/>		
Housing	<input checked="" type="checkbox"/>		
Additional Retail		<input checked="" type="checkbox"/>	

## Alternative Site Concepts and Cross-Sections

- ⊕ Basic Components
- ⊕ General Configuration (at grade, below grade, elevated, over freeway)
- ⊕ Vehicular Circulation and pedestrian linkages
- ⊕ Relationship to Transit
- ⊕ Buffering or Interface with Adjoining Land Uses
- ⊕ Joint Development
- ⊕ Park and Ride



# Transit Oriented Development



- What urban functions will be served?
- How much intensity can be accepted?
- Will the area be accessible (local and regional)?
- Are the nearby land uses and transportation facilities compatible?
- What trade-offs will have to be made if all transportation goals cannot be met?



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## Task 6 - Final Report

Summary of findings

List of preferred alternatives

List of recommendations

Draft and final report work

**Draft Final Report**

**Final Report**

**Final Presentation**

**ALTERNATIVES**



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- **Consensus**
  - **Cities**
  - **Stakeholders**
  - **Transit**
  - **Developers**
- **Sound Plan**
- **Level of Transit-Traffic-Land Use Integration**
- **Feasible Options**
- **Institutional Issues**

## Recommendations and Approval Process



## Task 7 - Project Management

Project Staffing

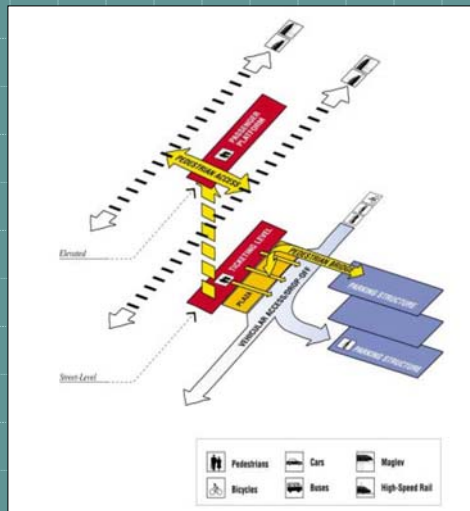
Project Management

Team Meetings

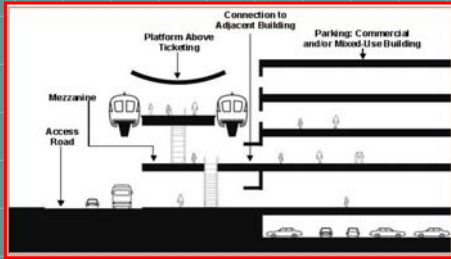
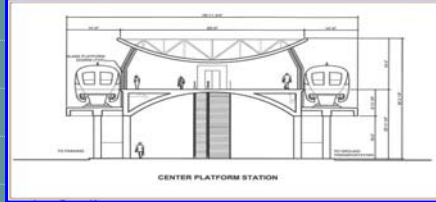
Progress Reports

Meeting Minutes

Other Products



# Questions & Comments



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